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Protein search using swmedj
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          (without alignment's)
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title: US-09-856-070-17
       exact score: 6.9
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scoring table: BLASTM62
       gap: 10 G, gapext: 0.5

searched: 120991 seqs, 19878514 residues

minimum DR seq length: 0
maximum DR seq length: 20000000
post-processing Minimum Match %
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Maximum Match 100%

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3	47	68.1	472	10	US-09-764-864-8	
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6	43	62.3	87	10	US-09-764-864-7	
7	43	62.3	98	10	US-09-864-761-1	
8	43	62.3	121	10	US-09-764-864-7	
9	43	62.3	1005	10	US-09-925-301-8	
10	41	59.4	605	9	US-10-028-072-1	
11	41	59.4	605	10	US-09-864-762-1	
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15	40	58.0	526	10	US-09-925-300-8	
16	40	58.0	526	9	US-09-756-477-1	
17	40	58.0	592	9	US-09-902-041-1	
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ALIGNMENTS

NUMBER OF SEQ ID NOS: 1792  
 SOFTWARE: PatentIn Ver.: 2.0  
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 TYPE: PRI  
 ORGANISM: Homo sapiens  
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 NAME/KEY: SITE  
 LOCATION: (35)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 NAME/KEY: SITE  
 LOCATION: (59)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 US-09-764-864-1407

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 DB 149 QKEKQQLQEEKEEL 162

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 Patent No.: US20020132753A1  
 GENERAL INFORMATION:  
 APPLICANT: Rosen et al.  
 TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
 FILE REFERENCE: FT223  
 CURRENT APPLICATION NUMBER: US/09/764,864  
 PRIOR APPLICATION data removed Consult PAM or file wrapper  
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 SEQ ID NO: 972  
 LENGTH: 472  
 TYPE: PRI  
 ORGANISM: Homo sapiens  
 US 09-764-864-972

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 Publication No. US2003003411A1  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Horeszni, Maureen  
 APPLICANT: DeForqe, Laura  
 APPLICANT: Destroyers, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowsky, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tunas-Daniel  
 APPLICANT: Walanabe, Colin K  
 APPLICANT: Wood, William

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; PRIOR FILING DATE: 1997-11-24  
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; PRIOR FILING DATE: 1998-07-07

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QY 1 EPERKOMMAREEL, L.  
DC 483 EKEKELEEFQUEL, A.

RESULT: 5  
US 10 928 072-46  
Sequence 46, Application US/10028072  
Publication No. US20030604311A1  
GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Boreschi, Maureen  
; APPLICANT: Goudard, Aurice  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Heffner, Laura  
; APPLICANT: Dennoys, Luc  
; APPLICANT: Elviroott, Ellen  
; APPLICANT: Gao, Wei Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Thomas, Daniel  
; APPLICANT: Watansabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Chang  
TITLE OF INVENTION:  
; FILE PREFERENCE:  
; CURRENT APPLICATION NUMBER: US/10028072  
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PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088710  
PRIOR APPLICATION NUMBER: 60/088741  
PRIOR FILING DATE: 1998-06-10

PATENT NUMBER: US20020048763A1  
 GENERAL INFORMATION:  
 APPLICANT: Penn, Sharron G.  
 INVENTOR: Bank, David R.  
 APPLICANT: Huang, Lai-Ji K.  
 APPLICANT: Chen, Wensheng  
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROFILES USEFUL FOR EXPRESSION ANALYSIS BY MICROARRAY  
 FILE REFERENCE: Aeomax-X-1  
 CURRENT APPLICATION NUMBER: US20020048763A1  
 CURRENT FILING DATE: 2002-05-23  
 PRIOR APPLICATION NUMBER: US2001080312  
 PRIOR FILING DATE: 2001-08-04  
 PRIOR APPLICATION NUMBER: US2002007456  
 PRIOR FILING DATE: 2002-05-26  
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 PRIOR FILING DATE: 2002-08-03  
 PRIOR APPLICATION NUMBER: US2002007453-6  
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 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/06661  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/06670  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: US20012753A1  
 GENERAL INFORMATION:  
 APPLICANT: Rosen et al.  
 TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
 FILE REFERENCE: PCT23  
 CURRENT APPLICATION NUMBER: US200200764,864  
 CURRENT FILING DATE: 2001-01-17  
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 ORGANISM: Homo sapiens  
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 OTHER INFORMATION: Xaa equals any of the naturally occurring 2-amino acids  
 US-09-764-1540  
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 Sequence 1540 Application ns200200764,864  
 Patent No. US200200764,864  
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 APPLICANT: Rosen et al.  
 TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
 FILE REFERENCE: PCT23  
 CURRENT APPLICATION NUMBER: US200200764,864  
 CURRENT FILING DATE: 2001-01-17  
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 NUMBER OF SEQ ID NOS: 1792  
 SOFTWARE: Patent Ver. 2.0  
 SEQ ID NO: 1540  
 LENGTH: 87  
 TYPE: PPT  
 ORGANISM: Homo sapiens  
 FEATURE:  
 NAME/KEY: SITE  
 LOCATION: (87)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring 2-amino acids  
 US-09-764-1540  
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 Best Local Similarity 69.2%; Pred. No. 4.7;  
 Matches 9; Conservative 1; Mismatches 3; Indels 0; Gaps 0;  
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 DB 17 ERKEQMRKEEL 30  
 RESULT 7  
 US-09-764-148269  
 ; Sequence 48269, Application US200200764,864  
 ; Sequence 1125, Application US200200764,864

Patent No. US200132751A1  
 GENERAL INFORMATION:  
 APPLICANT: Rosen et al.  
 TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
 FILE REFERENCE: PIZZ3  
 CURRENT APPLICATION NUMBER: US/09/764, 864  
 CURRENT FILING DATE: 2001-01-17  
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 NUMBER OF SEQ ID NOS: 1742  
 SEQ ID NO: 1125  
 LENGTH: 121  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-764-864-1125

Query Match 62.3% Score 43; DB 10; Length 121;  
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 Matches 7; conservative 1; APPLICANT: Rosen et al.  
 TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
 FILE REFERENCE: PA106  
 CURRENT APPLICATION NUMBER: US/09/925, 301  
 CURRENT FILING DATE: 2001-08-10  
 PRIOR APPLICATION NUMBER: PCT/US00/05984  
 PRIOR FILING DATE: 2000-03-08  
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 NUMBER OF SEQ ID NOS: 1694  
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 ORGANISM: Homo sapiens  
 US-09-925-301-1345

RESULT 9  
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 Patent No. US20020052308A1  
 GENERAL INFORMATION:  
 APPLICANT: Rosen et al.  
 TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
 FILE REFERENCE: PA106  
 CURRENT APPLICATION NUMBER: US/09/925, 301  
 CURRENT FILING DATE: 2001-08-10  
 PRIOR APPLICATION NUMBER: PCT/US00/05984  
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 US-09-925-301-1345

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 Matches 7; conservative 1; APPLICANT: Baker, Kevin P.  
 TITLE OF INVENTION: Methods for the production of recombinant proteins  
 FILE REFERENCE: PIZZ3  
 CURRENT APPLICATION NUMBER: US/09/28177  
 CURRENT FILING DATE: 2001-01-17  
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 LENGTH: 121  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-10-028-072-160  
 Publication No. US20040064311A1  
 GENERAL INFORMATION:  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Beresini, Maureen  
 APPLICANT: George, Laura  
 APPLICANT: Destroyers, Inc.  
 APPLICANT: Elivardi, Ellen  
 APPLICANT: Gao, Wei-Chang  
 APPLICANT: Gerlitsen, Mary E.  
 APPLICANT: Goddard, Andrew  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Gurley, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria

PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-1  
; PRIOR APPLICATION NUMBER: 60/066453  
; PRIOR FILING DATE: 1997-11-24  
; PRIOR APPLICATION NUMBER: 60/066511  
; PRIOR FILING DATE: 1997-11-24  
; PRIOR APPLICATION NUMBER: 60/066770  
; PRIOR FILING DATE: 1997-11-24  
; PRIOR APPLICATION NUMBER: 60/066912  
; PRIOR FILING DATE: 1997-12-11  
; PRIOR APPLICATION NUMBER: 60/066978  
; PRIOR FILING DATE: 1997-12-11  
; PRIOR APPLICATION NUMBER: 60/069134  
; PRIOR FILING DATE: 1997-12-11  
; PRIOR APPLICATION NUMBER: 60/069694  
; PRIOR FILING DATE: 1997-12-16  
; PRIOR APPLICATION NUMBER: 60/072320  
; PRIOR FILING DATE: 1998-01-23  
; PRIOR APPLICATION NUMBER: 60/073412  
; PRIOR FILING DATE: 1998-02-01  
; PRIOR APPLICATION NUMBER: 60/074006  
; PRIOR FILING DATE: 1998-02-19  
; PRIOR APPLICATION NUMBER: 60/074042  
; PRIOR FILING DATE: 1998-02-19  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078916  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079663  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 55/075726  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/080165  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/081203  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081229  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081494  
; PRIOR FILING DATE: 1998-04-14  
; PRIOR APPLICATION NUMBER: 60/081817  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081818  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/083455  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/084600  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084627  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084637  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084649  
; PRIOR FILING DATE: 1998-05-12  
; PRIOR APPLICATION NUMBER: 60/085323  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085338  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085339  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085607  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/086414

PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/086430  
; PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/087196  
; PRIOR FILING DATE: 1998-05-28  
; PRIOR APPLICATION NUMBER: 60/088026  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088730  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088741  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/088810  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088858  
; PRIOR FILING DATE: 1998-06-11  
; PRIOR APPLICATION NUMBER: 60/089332  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089599  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089907  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/089947  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/090349  
; PRIOR FILING DATE: 1998-06-23  
; PRIOR APPLICATION NUMBER: 60/090429  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090445  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090338  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090863  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/091360  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091519  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07

Query Match 59.4%; Score 41; DB 9; Length 605,  
; Best Local Similarity 53.8%; Pred. No. 66;  
; Matches 7; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy 1 EREKEEVEKOEKEE 13  
Db 172 EREKEEVEKOEKEE 184

RESULT 11  
; SEQ ID: 298-2  
; Sequence 2, Application US/09856298  
; Patent No. US200202593A1  
; GENERAL INFORMATION:  
; APPLICANT: Sussatti, Christopher M.  
; APPLICANT: Rosen, Steven D.  
; TITLE OF INVENTION: NOVEL SELECTIN LIGANDS  
; FILE REFERENCE: 6510-097WO1  
; CURRENT APPLICATION NUMBER: US/09856298  
; CURRENT FILING DATE: 2001-05-18  
; PRIOR APPLICATION NUMBER: 09/243,560  
; PRIOR FILING DATE: 1994-02-03  
; RIMBER OF SEQ ID: 2  
; SOFTWARE: FASTSEQ FOR Windows Version 3.0  
; SEQ ID: 2  
; LENGTH: 605  
; TYPE: PRT  
; ORGANISM: human  
; OS-99 860-298-2

Query Match 59.4%; Score 41; DR 10; Length 605,  
; Best Local Similarity 53.8%; Pred. No. 66;  
; Matches 7; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

RESULT 13  
 US-10-042-141-102  
 Sequence 102, Application US/10042441A1  
 Publication No. US2002018350A1  
 GENERAL INFORMATION:  
 APPLICANT: Ruben et al.  
 TITLE OF INVENTION: 26 Human secreted proteins  
 FILE REFERENCE: PZ040P1  
 CURRENT APPLICATION NUMBER: US/09/726,643  
 CURRENT FILING DATE: 2000-12-01  
 PRIOR APPLICATION NUMBER: PCT/US00/15187  
 PRIOR FILING DATE: 2000-06-02  
 PRIORITY NUMBER: US/09/726,643  
 PRIORITY FILING DATE: 1999-06-07  
 NUMBER OF SEQ ID NOS: 190  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO: 102  
 LENGTH: 520  
 TYPE: PRT  
 ORGANISM: Homo sapiens

Query Match Score 40; DB 10; Length 520;  
 Best Local Similarity 61.5%; Pred. No. 79;  
 Matches 8; conservative 2; Mismatches 3; Indels 0; Gaps 0;

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RESULT 14  
 US-09-925-302-718  
 Sequence 718, Application US/09/925302  
 Patent No. US20020044941A1  
 GENERAL INFORMATION:  
 APPLICANT: Rosen et al.  
 TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
 FILE REFERENCE: PA104  
 CURRENT APPLICATION NUMBER: US/09/925302  
 CURRENT FILING DATE: 2001-08-10  
 PRIOR APPLICATION NUMBER: PCT/US00/05918  
 PRIOR FILING DATE: 2000-03-08  
 PRIORITY NUMBER: 60/24,270  
 PRIORITY FILING DATE: 1999-03-12  
 NUMBER OF SEQ ID NOS: 896  
 SEQ ID NO: 718  
 LENGTH: 185  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 OS 09-925-302-718

Query Match Score 40; DB 10; Length 185;  
 Best Local Similarity 53.8%; Pred. No. 27;  
 Matches 7; conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1 EREKOMMREKEE 13  
 Db 135 DRSEEKAMMREKEE 147

RESULT 15  
 US-09-925-300-1473  
 Sequence 1473, Application US/09925300  
 Patent No. US200151681A1  
 GENERAL INFORMATION:  
 APPLICANT: Craig Rosen,  
 TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
 FILE REFERENCE: PA101  
 CURRENT APPLICATION NUMBER: US/09/925,300  
 CURRENT FILING DATE: 2001-08-10  
 PRIORITY NUMBER: PCT/US01/05988  
 PRIORITY FILING DATE: 2000-03-08  
 PRIORITY NUMBER: 60/124,270  
 PRIORITY FILING DATE: 1999-03-12  
 NUMBER OF SEQ ID NOS: 1890  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO: 1473  
 LENGTH: 526  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 OS-09-925-300-1473

Query Match Score 40; DB 10; Length 526;  
 Best Local Similarity 61.5%; Pred. No. 80;  
 Matches 8; conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 EREKOMMREKEE 13  
 Db 458 ERHERRHREKEE 470

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Search completed: January 16, 2003, 17:00:06  
 Job time : 9.6 secs

RESULT 16  
 US-10-042-141-102  
 Sequence 102, Application US/09726643  
 Publication No. US2002018350A1  
 GENERAL INFORMATION:  
 APPLICANT: Ruben et al.  
 TITLE OF INVENTION: 26 Human secreted proteins  
 FILE REFERENCE: PZ040P1  
 CURRENT APPLICATION NUMBER: US/10/042-141  
 CURRENT FILING DATE: 2002-01-11  
 PRIOR APPLICATION NUMBER: 60/137,725  
 PRIOR FILING DATE: 1999-06-07  
 NUMBER OF SEQ ID NOS: 190  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO: 102  
 LENGTH: 520  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 OS-10-042-141-102

Query Match Score 40; DB 9; Length 520;  
 Best Local Similarity 61.5%; Pred. No. 79;  
 Matches 8; conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 EREKOMMREKEE 13  
 Db 452 ERHERRHREKEE 464